

Listing and Amendments to the Claims

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This listing of claims will replace the claims that were published in the PCT Application and annexed to the International Preliminary Report on Patentability:

1. (currently amended) An apparatus (20), comprising:
processing means (21-32) for receiving satellite signals and processing said received signals to generate analog signals without demodulating the received signals;
control means (34) for enabling generation of said analog signals responsive to a request signal; and
wherein said analog signals are provided to a client device (40) via a transmission medium connecting said apparatus (20) and said client device (40).
2. (currently amended) The apparatus (20) of claim 1, wherein said transmission medium includes RG-59 cable.
3. (currently amended) The apparatus (20) of claim 1, wherein said processing means (21-32) includes:
frequency converting means (21-28) for converting said received signals from a first frequency band to a second frequency band to generate frequency converted signals; and
filtering means (29-32) for filtering said frequency converted signals to generate said analog signals.
4. (currently amended) The apparatus (20) of claim 3, wherein:
said first frequency band is greater than 1 GHz; and
said second frequency band is less than 1 GHz.
5. (currently amended) The apparatus (20) of claim 1, wherein:
said control means (34) detects an available frequency band on said transmission medium; and
said available frequency band is used to provide said analog signals to said client device (40).

6. (currently amended) The apparatus (20) of claim 5, wherein said control means (34) scans a plurality of frequency bands on said transmission medium to detect said available frequency band.

7. (currently amended) The apparatus (20) of claim 5, wherein said control means (34) detects said available frequency band based on a user input which selects said available frequency band.

8. (currently amended) The apparatus (20) of claim 5, wherein said processing means (21-32) comprises:

frequency converting means (21-28) for converting said received signals from a first frequency band to the available frequency band to generate frequency converted signals; and

filtering means (29-32) for filtering said frequency converted signals to generate said analog signals.

9. (currently amended) The apparatus (20) of claim 8, wherein said frequency converting means (21-38) comprises a signal mixer (21-24).

10. (currently amended) The apparatus (20) of claim 1, wherein said request signal is provided to said apparatus (20) via said transmission medium.

11. (currently amended) A method (500) for distributing signals from a gateway apparatus to a device, comprising steps of:

receiving satellite signals (510);

receiving a request signal from said device indicating a channel (520);

processing said received signals to generate analog signals corresponding to said channel responsive to said request signal (540), without demodulating said received signals; and

providing said analog signals to said device via a transmission medium connecting said gateway apparatus and said device (550).

12. (currently amended) The method (500)—of claim 11, wherein said transmission medium includes RG-59 cable.

13. (currently amended) The method (500)—of claim 11, wherein said processing step (540) includes:

converting said received signals from a first frequency band to a second frequency band to generate frequency converted signals; and

filtering said frequency converted signals to generate said analog signals.

14. (currently amended) The method (500)—of claim 13, wherein:

said first frequency band is greater than 1 GHz; and

said second frequency band is less than 1 GHz.

15. (currently amended) The method (500)—of claim 11, further comprising a step of:

detecting an available frequency band on said transmission medium (530); and

wherein said available frequency band is used to provide said analog signals to said device.

16. (currently amended) The method (500)—of claim 15, wherein said detecting step (530) includes scanning a plurality of frequency bands on said transmission medium to identify said available frequency band.

17. (currently amended) The method (500)—of claim 15, wherein said detecting step (530) is performed based on a user input which selects said available frequency band.

18. (currently amended) The method (500)—of claim 15, wherein said processing step (540) comprises the steps of:

converting said received signals from a first frequency band to the available frequency band to generate frequency converted signals; and

filtering said frequency converted signals to generate said analog signals.

19. (currently amended) The method (500) of claim 18, wherein said converting step comprises the step of mixing said received signals in the first frequency band with a generated frequency signal.

20. (currently amended) The method (500) of claim 11, wherein said request signal is provided to said gateway apparatus via said transmission medium.